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(Chemistry--Physical, TT, v. 8, no. 11)

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Aug 68

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"Fine-Structure" Effects in the Complex Periodic Dependence of the Magnetic Susceptibility of Metals on Field at Low Temperatures, by B. I. Verkin, I. M. Dmitrenko, I. F. Mikhailov.

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SLA 61-11519

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Scientific - Physics Jan 56 CTS/DEX

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TEMPERATURE-TIME DEPENDENCE OF THE STRENGTH OF PURE METALS. [1963] 9p 19refs
Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R78. When supply is exhausted, Order from OTS or SLA $1.10 63-20241

Trans. of Akademiya Nauk SSSR, Doklady, 1955, v. 101, no. 2, p. 237-240.

DESCRIPTORS: *Metals, *Tensile properties, Fracture (Mechanics), Loading (Mechanics), Temperature, Aging (Materials), Degradation, Zinc, Aluminum, Silver, Platinum, Tests, Heat of activation,

An investigation was made of the life of pure metals over a broad range of temperatures and stresses. The metals used were: zinc (99.94%), and platinum (99.92%). The time T (in sec) elapsed from the moment of loading to fracture of the specimen was measured as a function (Mechanics, TT, v. 10, no. 12) (over)

63-20241

I. Zhurkov, S. N.
II. Sanfirova, T. P.
III. Boeing Trans-R78
IV. Boeing Scientific Research Labs., Seattle, Wash.

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The Nature of Ball Lightning, by P. L. Kapitsa,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
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Consultants Bureau

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Scientific - Physics Jan 56 CTS/DEX

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Andrianov, K. A. and Gornetz, L. V.
SYNTHESIS OF ALKYL(ARYL)ALKOXYSILANES [Sintez Alkil (Aril) Alkoksisilanov]. [1964] 7p 9refs
Order from OTS, SLA, or ETC $1.10 TT-64-14932

Trans. of Akademiya Nauk SSSR. Doklady, 1955, v. 101, no. 2, p. 259-261.
Other translations are available from K-H $8.75 as K-H-3626-c [196] 7p and from SLA as RT-3038.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14932

I. Andrianov, K. A.
II. Gornetz, L. V.
III. RT-3038

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790040-4

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Study of the Boundary Viscosity of Organic Substances According to the Kinetics of Thinning of Their Wetting Layers in the Blowing-Off Process, by B. V. Deryagin, V. V. Karasev, 6 pp.

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Morris D. Friedman
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Scientific - Physics

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Reversal of the Order of the Adsorption in Ionic Exchange, by S. Ya. Elovich, 4 pp.

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Sci Mus Lib No 56/2189

Sci - Physics 42,834

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Influence of the Surface Microprofile Curvature on the Electrochemical Polishing of Metals, by S. I. Krichmar.

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Morris D. Friedman

NLR 37,878

Sci - Chemistry

Aug 1956

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Solubility of Oxygen in Liquid Iron Containing Titanium, by B. K. Lyaudis, A. M. Samarin,

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Scientific - Min/Metals Aug 55 CTS

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Some Properties of Coals Dangerous Because of Sudden Blowouts, by N. G. Titov, et al.

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Denver, Col

Sci - Chem
Jan 61

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Sci - Biology

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The Epizootiological Importance of Ectoparasites of Birds in a Natural Focus of Q Fever in Southern Central Asia, by Z. K. Zhmyova, et al.
[illegible], per, Doklady Akad Nauk [illegible]
(Paruzit), Vol 101, No 2, 1955,
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Sci-Biol
May 05 280,914

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(FDD 26918)

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CIA/FDD U-8028

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Sci - Medicine, Q Fever, parasitology

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SLA TR-3656

Sci

Aug 59

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Determination of the Age of Rock Meteorites by the Argon Method, by E. K. Gerling, K. G. Rik, 4 pp.

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Assoc Tech Sv Tr 0408R

(CIA/FDD X-2355)

MDF-G-46,047

Sci - Geophysics
April 1957 CTS/dex

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On the Two-Dimensional Stefan Problem, by A. B. Datsev, 7 pp.

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Morris D. Friedman

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Scientific - Physics

May 56 CTS/dex

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Kleinberg, A. V. and Terenin, A. N.
FLUORESCENCE SPECTRUM OF GASEOUS NITRIC OXIDE AND THE EFFECT OF FOREIGN GASES ON IT. [1961] 3p.
Order from ATS $6.00 ATS-85N53R
61-28011

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1955, v. 101, no. 3, p. 445-447.

DESCRIPTORS: *Nitrogen compounds, Oxides, Gases, Fluorescence, Spectrographic, Analysis.

(Physics--Spectroscopy, TT, v. 6, no. 8)

61-25336

I. Kleinberg, A. V.
II. Terenin, A. N.
III. ATS-85N53R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS/RT-7050

25234

Office of Technical Services

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Hyperons as Excited States of Nucleons. A Possible Mechanism of Multiple Formation of Particles, by A. A. Markov, 6 pp.

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AEC Tr 2179

Scientific - Nuclear Physics Jul 55 CTS

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AEC Tr 2744

Sci - Physics
Jun 57

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Displacement of the Infra-red Absorption Band of the C=O Group of Acetone in Solutions, by V. M. Chulanovskiy, 5 pp.

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Morris D. Friedman
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Scientific - Physics
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The Propagation of a Fundamental Wave Between Parallel Surfaces, by E. Burshteyn, L. Solovyev, 5 pp.

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Sci - Physics
May 1957 CTS/dex

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[redacted]

33,785

Apr 56 CTS/DLX

Scientific - Physics
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X-Ray Investigation of the Initial Stages in the Decomposition of Supersaturated Solid Ag-Al Solution, by A.M. Elistratov.

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TS 9929

Sci - Physics, chemistry

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Sci - Min/Met
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A.E.R.E. Harwell Lib Tr 698
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Sci - Min/metals

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Assoc Tech Sv
RJ-266

Sci - Chemistry
Jan 1956/CTS No 77

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SA R

P.O. Box 271, East Orange, N.J.

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A Study of Some Properties of Denatured Procollagen With the Aid of an Ultracentrifuge, by V. N. Orekhovich, V. O. Shpikiter, 5 pp.

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Sci - Biology

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SLA Tr R-1322

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Morris D. Friedman
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Scientific - Physics
Jun 56 CTS/dex

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The Luminosity of the Coronal Line 5302.8 Å in the Solar Chromosphere, by M. N. Gnevyasheva, R. S. Gnevyasheva, 3 pp.

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Sci - Astron
Mar 59

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Scientific - Physics 34717

May 56 CTS/dcx

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THRICE-M

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25,456 AEC Tr 2178

Scientific - ~~Electricity~~, Physics Jul 55 CTS

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Sci Mon Inf No 56/0544

Sci - Astronomy, Geophysics 39,347

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Scientific - Chemistry

33,779

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Scientific - Chemistry
~~Physics~~
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Scientific - Electronics; Physics

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May 1956

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LC or SLA 59-10092

Sci - Chemistry
Feb 59

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Sci Tr Center
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Agg 1956

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HLL RTS 1932

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Sci - Min/Metals

May 62

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SLA R-2118

Sci

Aug 58

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Morris D. Friedman

Scientific - Physics 34,718

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AEC Tr 2416 33,264

Sci - Geophysics, Physics

Apr 56

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AEC Tr 2570

Sci - Electron Physics

Nov 56 CSB

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Morris D. Friedman L-110
$3.50 34,934

Scientific - Physics
Chemistry

Jun 56 CMS/dex

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(FDD 25083)

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CIA/FDD/U-7813

MDF - 32,356

USSR
Sci - Geophysics

Feb 1956 CTS

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Sci - Astronomy, physics 39,348

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25,970 Brutcher Tr 3556
$2.65

Scientific - Min/Metals

Aut 55 CTS

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